

Title (en)

A DEVICE FOR CONTROLLING AN ACTUATING MOTION OF AN ACTUATOR AND AN ACTUATOR COMPRISING THE DEVICE

Title (de)

VORRICHTUNG ZUR STEUERUNG EINER BETÄTIGUNGSBEWEGUNG EINES AKTUATORS UND EIN AKTUATOR MIT DER VORRICHTUNG

Title (fr)

DISPOSITIF POUR COMMANDER UN MOUVEMENT D'ACTIONNEMENT D'UN ACTIONNEUR ET ACTIONNEUR COMPORTANT LE DISPOSITIF

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Application

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Priority

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Abstract (en)

[origin: WO2010002315A1] A device (1) for controlling an actuating motion of an actuator (2), the actuator (2) having a nut, a screw, and an electric motor (15) for driving the nut and the screw, a rotatable part (3), wherein a rotation of the rotatable part (3) is related to the actuating motion. The actuator (2) is of the non self locking type. The device (1) comprises a braking part (5) for decreasing the rotation of the rotatable part (3), a pressure chamber (7), having a member (9). The member (9) is movable in an inward or an outward direction in relation to the pressure chamber (7), wherein as a consequence of a pressure change in the pressure chamber (7), the pressure change leads to a movement of the member (9), causing a movement of the braking part (5) in relation to the rotatable part (3), such that, when they come in contact, the rotation of the rotatable part (3) is decreased, leading to decreasing the actuating motion of the actuator (2).

IPC 8 full level

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